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PTO/SB/05 (03-04)

Approved for use through 10/31/2002. OMB 0651-0037  
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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Attorney Docket No.

501.40830VX1

First Inventor

HIROI, TAKASHI

Title

PATTERN INSPECTION METHOD AND APPARATUS

Express Mail Label No.

(Only for new nonprovisional applications under 37 CFR 1.53(b))

**APPLICATION ELEMENTS**

SEE MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages: **70**]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Pages: **16**]
5. Oath or Declaration [Total Pages: **5**]
- a. ☒ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & documents(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: **See 1 line addendum**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation

☒ Divisional

☐ Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_  
attorney docket no. 501.40830X00, filed November 8, 2001

Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label

020457

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name

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City

State

Zip  
Code

Country

Telephone

(703) 312-6600

Fax

(703) 312-6666

Name

Alan E. Schiavelli

Registration No. (Attorney/Agent)

32,087

Signature

Date

November 9, 2001

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<p align="center"><b>UTILITY PATENT APPLICATION TRANSMITTAL (ADDENDUM)</b></p> <p><i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i></p>	Attorney Docket No.		501.40830VX1
	First Inventor		HIROI, TAKASHI
	Title	PATTERN INSPECTION METHOD AND APPARATUS	
	Express Mail Label No.		

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

**501.40830VX1**

HIROI, TAKASHI

## PATTERN INSPECTION METHOD AND APPARATUS

Express Mail Label No.

1.Claim For Priority Letter  
Credit Card Payment form  
Figs. 1-20

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

## Complete if Known

<b>TOTAL AMOUNT OF PAYMENT</b>		(\$ 948.00)		<b>Application Number</b>	
				<b>Filing Date</b>	November 9, 2001
				<b>First Named Inventor</b>	HIROI, TAKASHI
				<b>Examiner Name</b>	
				<b>Group Art Unit</b>	
				<b>Attorney Docket No.</b>	501.40830VX1

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit overpayments to:  
Deposit Account Number 01-2135  
Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP  
☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant Claims small entity status. See 37 CFR 1.27

## 2. ☒ Payment Enclosed:

☐ Check ☒ Credit Card ☐ Money Order ☐ Other

## FEE CALCULATION

### 2. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

**SUBTOTAL (1)** 740.00

### 1. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
12 -20** = 0		x 0.00	= 0.00
Indep. Claims 5-3** = 2		x 84.00	= 168.00
Multiple Dependent		0.00	= 0.00

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$ 168.00**

\*\*or number previously paid, if greater; For Reissues, see above.

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

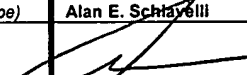
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examination action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	740	246	370	For each additional invention to be examined (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) (\$ 40.00**

## SUBMITTED BY

## Complete (if applicable)

<b>Name (Print/Type)</b>	Alan E. Schayelli	<b>Registration No. (Attorney/Agent)</b>	32,087	<b>Telephone</b>	703-312-6600
<b>Signature</b>				<b>Date</b>	11/09/01

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501.40830VX1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: HIROI, et al.

Filed: November 9, 2001

For: PATTERN INSPECTION METHOD AND APPARATUS

CLAIM FOR PRIORITY

Assistant Commissioner for Patents  
Washington, D.C. 20231

November 9, 2001

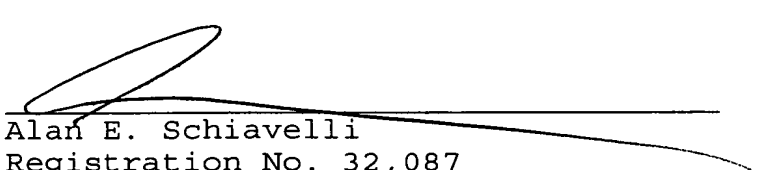
Sir:

Under the provisions of 35 USC §119, Applicants hereby claim the right of priority based on Patent Application No. 2000-347443 filed in Japan on November 9, 2000.

A certified copy of said Japanese Patent document was filed in the parent application US Serial No. \_\_\_\_\_, filed November 8, 2001, by HIROI et al., entitled "Pattern Inspection Method And Apparatus."

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

  
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Registration No. 32,087

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AES/amr